CLASSIFICATION

CONFIDENTIAL

CONFIDENTIAL

REPORT

CENTRAL INTELLIGENCE AGENCY INFORMATION FROM FOREIGN DOCUMENTS OR RADIO BROADCASTS

CD NO.

50X1-HUM

COUNTRY

USSR

DATE OF

INFORMATION 1950

SUBJECT

Scientific - Electricity, new books

HOW

Monthly periodical

DATE DIST. / Mar 1951

PUBLISHED

WHERE PUBLISHED[®]

Moscow

NO. OF PAGES

DATE

* PUBLISHED

Mar 1950

SUPPLEMENT TO

LANGUAGE

Russian

REPORT NO.

THIS IS UNEVALUATED INFORMATION

SOURCE

Promyshlennaya Energetika, No 3, 1950, p 16.

NEW USSR BOOKS ON INDUSTRIAL POWER ENGINEERING ANNOUNCED IN MARCH 1950

1. "Insulation of Electric Machines" (Izolyatsiya elektricheskikh mashin), V. I. Kalitvyanskiy, Gosenergoizdat, M/L (Moscow/Leningrad), 1949, 343 pp, 5,000 copies, R (rubles) 18.00

Book contains important information on classification and design of insulation; technology of insulating, drying, and impregnating windings; control and testing of insulation during manufacture; and repair of electric machines of various types and constructions.

2. "Scientific and Technical Session on Economy of Electric Power in Industrial Enterprises" (Nauchno-tekhnicheskaya sessiya po ekonomii elektroenergii v promyshlennykh predpriyatiyakh), Collection of Material edited by A. A. Tayts, No 2, Moscow, published by Moscow Division of All-Union Scientific and Technical Society of Power Engineers, 1949, 140 pp, 1,000 copies.

Book contains 13 articles: "Methods of Standardizing Specific Expenditures of Electric Power", "Electric Power Economy in Rolling Mills (General Considerations)"; Economy of Electric Power in the Rolling Mills of the 'Serp i Molot' Plant", "Economy of Electric Power in Forging and Pressing Shops," "Economy of Electric Power in Forging and Pressing Shops," "Economy of Electric Power in Forging and Pressing Shops," "Economy of Electric Power in Forging and Pressing Shops," "Economy of Electric Power in Forging and Pressing Shops," "Economy of Electric Power in Forging and Pressing Shops," "Economy of Electric Power in Forging and Pressing Shops," "Economy of Electric Power in Forging and Pressing Shops," "Economy of Electric Power in Forging and Pressing Shops," "Economy of Electric Power in Forging and Pressing Shops," "Economy of Electric Power in Forging and Pressing Shops," "Economy of Electric Power in Forging and Pressing Shops," "Economy of Electric Power in Forging and Pressing Shops," "Economy of Electric Power in Forging and Pressing Shops," "Economy of Electric Power in Forging and Pressing Shops," "Economy of Electric Power in Forging and Pressing Shops," "Economy of Electric Power in Forging and Pressing Shops," "Economy of Electric Power in Forging and Pressing Shops," "Economy of Electric Power in Forging Shops," "Economy omy of Electric Power in Electric Arc Furnaces," "Economy of Electric Power in Electric Furnaces," "Automatic Temperature Regulation in Electric Furnaces," "Automatic Control in Electric Arc Furnaces," "High Frequency Tempering," "Experimatic Control in Electric Arc Furnaces," "High Frequency Tempering," "Experimence in Operating High Frequency Installations at the Automobile Plant imeni Stalin, "Economy of Electric Power in Electric Welding," "Economy of Electric Power in Galvanizing Shops," "Experience of Work on Economy of Electric Power at the First State Bearing Plant imeni Kaganovich."

3. "Plant Testing Stations for Low-Voltage Apparatus" (Zavodskiye ispytatel'nyye stantsii nizkovol'tnoy apparatury), G. P. Tereza, M/L, Gosenergoizdat, 1949, 160 pp, 3,000 copies, R 7.80

Book discusses problems of organizing and carrying out acceptance tests on low-voltage apparatus (up to 500 v) under plant conditions, and also problems of designing plant testing stations and their equipment.

CONFIDENTIAL

		CL ASSIFICATIO	ON CONFIDENTIA	L T
1	STATE X NAVY	KINSRB	DISTRIBUTION	
	ARMY X AIR	FBI		<u> </u>

Sanitized Copy Approved for Release 2011/09/14: CIA-RDP80-00809A000600380200-7

CONFIDENTIAL

CONFIDENTIAL

50X1-HUM

4. "Automatic Regulation" (Avtomaticheskoye regulirovaniye), collection of articles edited by Stalin Prize Laureate L. A. Shubenko, No l, Mashgiz, M/L, 1949, 40 pp, 3,000 copies, R 3.00

Collection contains two articles: "Effect of Load Disconnection on Automatic Regulation" by V. D. Piven and "Testing the Elements of Steam Turbine Regulating Systems" by I. I. Kirillov.

5. "Physical Principles and Methods of Preventive Maintenance on Industrial Insulation" (Fizicheskiye osnovy i metody profilaktiki promyshlennoy izolyatsii), P. V. Borisoglebskiy, Gosenergoizdat, M/L,1949, 192 pp, 3,000 copies, R 10.50

Discusses physical processes in dielectrics located in an electric field; methods of testing insulation of electrical equipment under operational conditions; and main apparatus and system of measurement circuits used in preventive maintenance on insulation.

50X1-HUM

- E N D -

- 2 -

CONFIDENTIAL

CONFIDENTIAL